Application No. 10/650,044

Docket No.: 101175.00035

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1-3. (Canceled)

4. (Currently Amended) The hydrogen supply unit according to claim [[3]]8,

wherein said first storage means releases the hydrogen gas from said hydrogen

absorbing alloy by use of waste heat of said reforming means or waste heat of said first

fuel cell.

5. (Currently Amended) The hydrogen supply unit according to claim 8,

wherein the hydrogen gas stored in said second storage means is pressurized by said

pressurization means has means for controlling the hydrogen gas stored in said second

storage means to a pressure in a range from 10 to 70 MPa.

6. (Previously Presented) The hydrogen supply unit according to claim 8,

further comprising:

a remaining amount detecting means for detecting a remaining amount of the

hydrogen gas stored in said second storage means; and

a control means for feedback controlling the amount of the hydrogen gas

generated by said reforming means on the basis of the remaining amount of the

hydrogen gas detected by said remaining amount detecting means.

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7. (Canceled)

8. (Currently Amended) A hydrogen supply unit comprising:

a reforming means for generating hydrogen gas by reforming a source gas;

a first purifying means having a hydrogen separation membrane connected to

the reforming means for purifying hydrogen gas reformed by the reforming means;

a first storage means having a hydrogen absorbing alloy for storing the hydrogen

gas purified by the first purifying means, for further purifying the hydrogen gas purified

by said first purifying means, and for supplying said further purified hydrogen gas the

hydrogen gas reformed by said reforming means to a first fuel cell used as a stationary

electric power supply;

a first supply line connecting the first purifying means to the first storage means

and supplying the hydrogen gas purified by the first purified means from the reforming

means to the first storage means without being pressurized:

a second supply line branched from the first supply line between the first

purifying means and the first storage means, supplying the hydrogen gas from the first

purifying means to a second purifying means;

said second purifying means having a pressure swing absorption separator and

being connected to the second supply line for further purifying hydrogen gas purified by

the first purifying means;

a second storage means connected to the second purifying means for storing

and supplying the hydrogen gas obtained further purified by said reforming second

purifying means to a second fuel cell used as a mobile electric power supply; and

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a second supply line connected to the first supply line downstream of the first

purifying means supplying the hydrogen gas from the reforming means to the second

storage means;

a second purifying means, located in the second supply line, for purifying

hydrogen gas reformed by the reforming means; and

a pressurization means, provided in the second supply line between the second

purifying means and the second storage means, for pressurizing the hydrogen gas to

be stored by the second storage means.;

wherein the first storage means stores the hydrogen gas purified by the first

purifying means and the second storage means stores the hydrogen gas purified by the

second purifying means.

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